AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/938,778 Filing Date: August 24, 2001

Title: ADAPTIVE INSTANT MESSAGING

Assignee: Intel Corporation

Page 2 Dkt: 884.491 US1 (INTEL)

IN THE CLAIMS

Please amend the claims as follows:

- (Original) A method, comprising:
 determining whether a speech option is selected at an origin device; and
 when the speech option is selected, converting input speech to text and transmitting an
 instant message comprising the text.
- (Original) The method of claim 1, further comprising:
 when speech is not selected at the origin device, receiving input text and transmitting
 the instant message, wherein the instant message comprises the input text.
- 3. (Original) The method of claim 2, further comprising: receiving the instant message; determining whether a speech option is selected at a destination device; and when the speech option is selected at the destination device, converting the input text to speech.
- 4. (Original) The method of claim 1, further comprising: receiving the instant message; determining whether a speech option is selected at a destination device; and when the speech option is selected at the destination device, converting the text to speech.
- 5. (Original) The method of claim 4, wherein the speech option at the destination device is independent of the speech option at the origin device.

Title: ADAPTIVE INSTANT MESSAGING

Assignee: Intel Corporation

6. (Original) A method, comprising:

receiving an instant message at a destination-client device, wherein the instant message comprises text; and

determining whether a speech option at the destination-client device is selected and if true converting the text to speech.

- 7. (Original) The method of claim 6, wherein when the determining operation is false, displaying the text.
- 8. (Original) The method of claim 6, wherein the speech option at the destination-client device is independent of a speech option at an origin-client device, wherein the origin-client device originated the instant message.
- 9. (Original) The method of claim 6, wherein the instant message is received across a long-lived connection.
- 10. (Original) A computing device, comprising:

a text-to-speech converter to convert text in a received instant message to speech when a speech option is selected, independent of whether a sender of the instant message performed speech input.

- 11. (Original) The computing device of claim 10, further comprising:
 a speech-to-text converter to convert speech to text in an instant message to be transmitted when the speech option is selected.
- 12. (Currently Amended) The computing device of claim [[9]] 10, wherein the received instant message is received across a long-lived connection.

Title: ADAPTIVE INSTANT MESSAGING

Assignee: Intel Corporation

13. (Currently Amended) The computing device of claim [[9]] 10, wherein the received instant message is received via a request-reply pair.

Page 4

Dkt: 884.491US1 (INTEL)

14. (Original) An instant-messaging system, comprising:

an instant-messaging server;

a controller to determine whether a speech option is selected at an origin-client device and to send an instant message to the instant-messaging server; and

a speech-to-text converter to convert speech to text when the speech option is selected, wherein the instant message comprises the text.

- 15. (Original) The instant-messaging system of claim 14, wherein the instant-messaging server is to receive the instant message on a long-lived connection.
- 16. (Original) The instant-messaging system of claim 14, wherein the instant-messaging server is to send the instant message to a destination-client device.
- 17. (Original) The instant-messaging system of claim 14, wherein the instant-messaging server is to drop the instant message when a destination-client device is not connected.
- 18. (Currently Amended) The instant-messaging system of claim 14, further comprising: a destination controller to determine whether a speech option is selected at a destination-client device; and

a text-to-speech converter to convert text to speech when the speech option at the destination-client device is selected independent of the speech option at [[an]] the originclient device.

Assignee: Intel Corporation

Dkt: 884.491US1 (INTEL)

Page 5

19. (Original) An instant-messaging system, comprising:

an instant messaging server;

an origin-client device, comprising:

an origin controller to determine whether an origin-speech option is selected at the origin-client device and to send an instant message to the instant- messaging server.

a speech-to-text converter to convert speech to text when the origin-speech option is selected, wherein the instant message comprises the text; and

a destination-client device, comprising:

a destination controller to determine whether a destination-speech option is selected at the destination-client device and to receive the instant message from the instant-messaging server, and

a text-to-speech converter to convert the text to speech when the destinationspeech option is selected.

- 20. (Original) The instant-messaging system of claim 19, wherein the origin-speech option is independent of the destination-speech option.
- 21. (Original) A signal-bearing medium comprising instructions, wherein the instructions when read and executed by a processor comprise:

determining whether a speech option is selected at an origin device; and when the speech option is selected, converting input speech to text and transmitting an instant message to an instant-messaging server, wherein the instant message comprises the text.

22. (Original) The signal-bearing medium of claim 21, further comprising:
when speech is not selected at the origin device, receiving input text and transmitting
the instant message to the instant-messaging server, wherein the instant message comprises
the input text.

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

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Assignee: Intel Corporation

23. (Original) The signal-bearing medium of claim 21, further comprising: receiving the instant message from the instant-messaging server; determining whether a speech option is selected at a destination device; and when the speech option is selected at the destination device, converting the text to speech.

Page 6

Dkt: 884.491US1 (INTEL)

- 24. (Original) The signal-bearing medium of claim 22, further comprising: receiving the instant message from the instant-messaging server; determining whether a speech option is selected at a destination device; and when the speech option is selected at the destination device, converting the input text to speech.
- 25. (Original) The signal-bearing medium of claim 23, wherein the speech option at the destination device is independent of the speech option at the origin device.
- 26. (Original) A pager, comprising:

a text-to-speech converter to convert text in a received instant message to speech when a speech option is selected, independent of whether a sender of the instant message performed speech input.

- 27. (Original) The pager of claim 26, further comprising:
 a speech-to-text converter to convert speech to text in an instant message to be transmitted when the speech option is selected.
- 28. (Original) The pager of claim 26, wherein the received instant message is received across a long-lived connection.
- 29. (Currently Amended) The pager [[device]] of claim 26, wherein the received instant message is received via a request-reply pair.